

A2
a central hub and three arms, each of the arms in each of the nodes having a portion that circumscribes the hub and a segment of an adjacent arm of that node, the stent being defined substantially entirely by said nodes.

Please amend claim 26 as follows:

A3
26. (Amended) A stent as defined in claim 23 further in which the arms define a generally spiral configuration.

Please amend claim 35 as follows:

5/23/07
35. (Amended) A radially expandable intraluminal stent in the form of a generally tubular wall having cut out regions that define wall structure comprising:
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a plurality of nodes, each node being connected to three adjacent nodes, each by an individual generally S-shaped link; the links and nodes being arranged so that when the stent is expanded from its initial diameter to an expanded diameter, the circumferentially oriented links will elongate to a greater degree than the links oriented in a less circumferential direction.

Please amend claim 38 as follows:

A5
38. (Amended) A stent as defined in claim 1 further comprising the nodes being arranged in clusters of six in which two arms of each node are connected to nodes of that cluster and one arm of each of the nodes in that cluster is connected to a node of another cluster.

Add the following new claims:

A6
44. (New) A radially expandable intraluminal stent in the form of a generally tubular wall having open regions that define wall structure comprising:
5/26/07
a plurality of nodes, each node having a central hub and three arms extending from the hub, each arm circumscribing the hub and a segment of the next

adjacent arm of that node;

each arm being connected, at a transition region, only to one arm of an adjacent node, the connected arms of the adjacent nodes defining a link between those nodes.

45. (New) A radially expandable intraluminal stent in the form of a generally tubular wall having open regions that define wall structure comprising:

a plurality of nodes, each node having a central hub and three arms extending from the hub, each arm circumscribing the hub and a segment of the next adjacent arm of that node;

each arm being connected, at a transition region, to an arm of an adjacent node, the connected arms of the adjacent nodes defining a substantially continuously curving S-shaped link between those nodes.

46. (New) A radially expandable intraluminal stent in the form of a generally tubular wall having open regions that define wall structure comprising:

a plurality of nodes, each node having a central hub and three arms extending from the hub, each arm circumscribing the hub and a segment of the next adjacent arm of that node and defining a gap between the adjacent arms;

each arm being connected, at a transition region, to an arm of an adjacent node, the connected arms of the adjacent nodes defining a link between those nodes;

the gap being of substantially constant width up to the transition region.

47. (New) A stent as defined in claim 23 further comprising:

a gap defined between the portion of each of the arms that circumscribes a segment of an adjacent arm, the gap being of substantially constant width.

48. (New) A stent as defined in claim 23 wherein each arm is connected only